



SOUTH AFRICAN MINES CHOOSE VICTRON

Among other resources, South Africa is known for its platinum mines. To guarantee optimum safety, the mines are equipped with monitoring equipment above the ground. Having continuous AC power supply is necessary for the safety of the people working in the mines. A power failure can cause serious damages and endanger many lives. The South African mines have therefore chosen to supply the mines with Victron Energy back up power systems.

Each shaft is equipped with a Phoenix inverter, a Filax transfer switch and a battery bank guarantying at least 2 days of stand by AC power. In case of a power dip or blackout, the inverter will take over and use battery power to run the electrical equipment in the shafts. With a switching time of less than 20 milliseconds, the system will make sure that all the equipment will continue to operate without disruption.

New shafts will be equipped with the Phoenix MultiPlus, a powerful sinewave inverter, battery charger and switch device, which will replace the separate components of the system. The UPS functionality of the MultiPlus will guarantee uninterrupted functioning and ensure optimum safety in the shafts.



A handshake on a successful cooperation